

ABSTRACT

A method for reducing oscillation of a feedback signal in a hearing aid and hearing aid configured according to the present method is provided. The method includes the steps of determining the phase of the feedback signal over a feedback path of the hearing aid and shifting only the phase of the feedback signal a predetermined amount, without modification of other signal characteristics, to achieve a non-zero net phase of the feedback signal over the feedback path such that oscillation of the signal is prevented. In one embodiment of the present method, the step of determining the phase may be performed at the time of fitting of the hearing aid to a patient. In another embodiment of the present method, the method includes the step of periodically determining the phase of the feedback signal over the feedback path such that the phase shifting may be performed based on the periodically determined phase.